

PTO/SB/17 (10-03)

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FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

☒ Applicant claims small entity status. See 37 CFR 1.27TOTAL AMOUNT OF PAYMENT (\$)65.00**Complete if Known**

Application Number	10/690,723
Filing Date	October 22, 2003
First Named Inventor	Ymedel
Examiner Name	
Art Unit	385
Attorney Docket No.	11066

METHOD OF PAYMENT (check all that apply)☒ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None☐ Deposit Account:Deposit
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☐ Charge fee(s) indicated below ☐ Credit any overpayments☐ Charge any additional fee(s) or any underpayment of fee(s)☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.**FEE CALCULATION****1. BASIC FILING FEE**

Large Entity	Small Entity	Fee Description	Fee Paid
Fee Code (\$)	Fee Code (\$)		
1001 770	2001 385	Utility filing fee	
1002 340	2002 170	Design filing fee	
1003 530	2003 265	Plant filing fee	
1004 770	2004 385	Reissue filing fee	
1005 160	2005 80	Provisional filing fee	

SUBTOTAL (1) (\$)

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

	Extra Claims	Fee from below	Fee Paid
Total Claims	-20** =	X	
Independent Claims	-3** =	X	
Multiple Dependent			

Large Entity	Small Entity	Fee Description
Fee Code (\$)	Fee Code (\$)	
1202 18	2202 9	Claims in excess of 20
1201 86	2201 43	Independent claims in excess of 3
1203 290	2203 145	Multiple dependent claim, if not paid
1204 86	2204 43	** Reissue independent claims over original patent
1205 18	2205 9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$)

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)**3. ADDITIONAL FEES**

Large Entity Small Entity

Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
1051 130	2051 65	Surcharge - late filing fee or oath	65.00
1052 50	2052 25	Surcharge - late provisional filing fee or cover sheet	
1053 130	1053 130	Non-English specification	
1812 2,520	1812 2,520	For filing a request for ex parte reexamination	
1804 920*	1804 920*	Requesting publication of SIR prior to Examiner action	
1805 1,840*	1805 1,840*	Requesting publication of SIR after Examiner action	
1251 110	2251 55	Extension for reply within first month	
1252 420	2252 210	Extension for reply within second month	
1253 950	2253 475	Extension for reply within third month	
1254 1,480	2254 740	Extension for reply within fourth month	
1255 2,010	2255 1,005	Extension for reply within fifth month	
1401 330	2401 165	Notice of Appeal	
1402 330	2402 165	Filing a brief in support of an appeal	
1403 290	2403 145	Request for oral hearing	
1451 1,510	1451 1,510	Petition to institute a public use proceeding	
1452 110	2452 55	Petition to revive - unavoidable	
1453 1,330	2453 665	Petition to revive - unintentional	
1501 1,330	2501 665	Utility issue fee (or reissue)	
1502 480	2502 240	Design issue fee	
1503 640	2503 320	Plant issue fee	
1460 130	1460 130	Petitions to the Commissioner	
1807 50	1807 50	Processing fee under 37 CFR 1.17(q)	
1806 180	1806 180	Submission of Information Disclosure Stmt	
8021 40	8021 40	Recording each patent assignment per property (times number of properties)	
1809 770	2809 385	Filing a submission after final rejection (37 CFR 1.129(a))	
1810 770	2810 385	For each additional invention to be examined (37 CFR 1.129(b))	
1801 770	2801 385	Request for Continued Examination (RCE)	
1802 900	1802 900	Request for expedited examination of a design application	

Other fee (specify)

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$)65.00**SUBMITTED BY**

(Complete if applicable)

Name (Print/Type)	Charles B. Lobsenz	Registration No. (Attorney/Agent)	36,857	Telephone	703-584-3276
Signature				Date	02-04-2004

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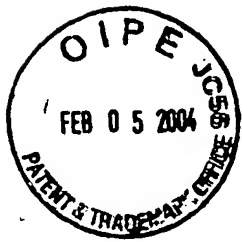
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02/10/2004 MGEERH1 00000006 10690723

01 FU:2051 65.00 DP



Attorney Docket No. RMH11066

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:)	
Manuel Antonio Medel Lepe)	
Serial No. 10/690,723)	Examiner: To be assigned
Filed: October 22, 2003)	Group Art Unit: 385
For: MINING HOPPER MADE UP)	
OF STEEL AND POLYMERS)	

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. 1.97(b)

McLean, Virginia 22102

Commissioner for Patents
Washington, D.C. 20231

Sir:

This information disclosure statement is filed before the mailing date of a first Office Action on the merits. The cited references are described below:

U.S. Patent Application Publication No. 2002/0074848 A1 proposes a truck bed hopper of a mining dump truck that is capable of elastic deformation when it is subject to the loading or unloading of material, built preferably of structural or of wear and tear steel, where the general structure of the bed hopper is curved. By this construction, the great moments of inertia which are achieved with curved surfaces eliminate or reduce to a great extent the use of beams as main resistive elements. The present bed hopper has a protective blinder which is preferably cylindrical in shape and a frontal wall and floor which are preferably elliptical in shape. The bottom of the bed hopper externally has a plurality of transversal beams, preferably 4 to 6 in number, even more preferably 5 in number which have

a main function of keeping the bottom surface curved and transferring the strengths of the envelopment to the truck's body. Further, the bottom externally also has a plurality of support elements, preferably two in number, that are located at the front part, i.e., ahead of the rotation axis of the hopper. The support elements only permit the support of the bed hopper on the truck's body and may be eliminated if the truck's body adapts itself to directly take in the transversal beams.

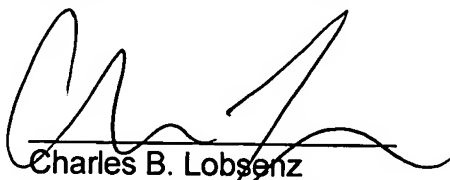
U.S. Patent 6,068,297 relates to a bulk material handling wear mat of elastomeric/polymeric material having good wear and impact resistance and is suitable for use as a wear lining in an off road haulage vehicle in which the mat is formed as a substantially planar mat having first and second opposing surfaces one of the opposing surfaces forming on exposed wear surface when in use in which the surface is under compression. There is also disclosed an adjustable rope support with apertures and a fabric reinforcement for the wear mat.

U.S. Patent No. 6,022,068 relates to a lightweight body for a dump truck which includes a floor with a pair of opposed spaced upwardly extending side walls coupled thereto. An upwardly extending front wall is included and coupled to the floor between the side walls to thereby create a space for carrying a payload and a rearward spillway for dumping the payload. The floor is formed of a plurality of adjacently positioned sections that are either separate pieces or form part of one continuous piece. The sections are arranged in an order of increasing thickness or hardness with the thickest or hardest section located at the spillway. This body structure substantially reduces weight while simultaneously preserving body strength, thereby allowing dump truck payload capability to be increased.

The art listed hereinabove, while of some relevance, is not to be considered to teach or suggest the invention described and claimed in the aforementioned application. The references do not teach or suggest the applicant's invention as presently claimed.

It is respectfully requested that the references listed herein be considered during prosecution of this application and made of record therein, appearing among the "References Cited" on any patent to issue therefrom.

Respectfully submitted,

A handwritten signature in black ink, appearing to read 'Charles B. Lobenz', written over a horizontal line.

Charles B. Lobenz
Attorney for Applicant(s)
Registration No. 36,857
(703) 584-3276

Date: February 4, 2004



Attorney Docket No. RMH11066

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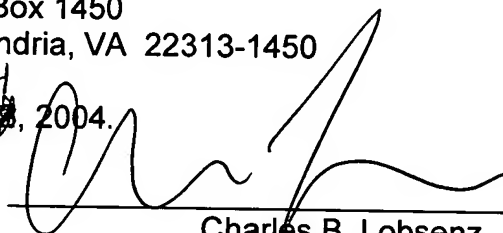
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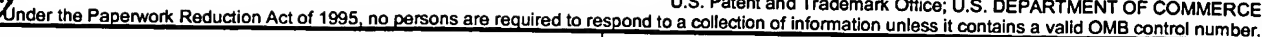
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on February 4, 2004.



Charles B. Lobsenz



(Use as many sheets as necessary)

Application Number	10/690,723
Filing Date	October 22, 2003
First Named Inventor	M. A. Medel
Art Unit	385
Examiner Name	
Attorney Docket Number	11066

of

Attorney Docket Number	11066
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**Date
Considered**

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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